# Learning about text and data mining: The future of Open Science

## Other

openMINTED
Open Mining Infrastructure for Text & Data

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# LEARNING ABOUT

# TEXT AND DATA MINING

## The future of open science

## MAKING SENSE OF LARGE VOLUMES OF SCIENTIFIC CONTENT

### WHY TEXT AND DATA MINING?

We are sitting on a gold mine of scientific knowledge. At the moment, there are more than 50 million scholarly articles and every 13 seconds a new article is published. If we want to unlock the potential of this knowledge, we need text and data mining (TDM). It can access and analyse millions of texts quickly and reveal patterns and trends that can lead to new discoveries.

### GENERAL CHALLENGES

- Technical skills of end-users
- Legal barriers
- Interoperability barriers: even open data hard to retrieve

## THE OPENMINTED PROJECT WORKS ON:

### ONLINE PLATFORM

THE go-to platform for text and data mining

### TDM TOOLS AND SERVICES

Extensive collection, co-developed by different user communities:

- scholarly communication
- life sciences
- agriculture and biodiversity
- social sciences

We also encourage development of new tools and services.

### TEXT AND DATA

All mineable and open access :

- CORE
- OpenAIRE
- everyone can contribute

### TRAINING, SUPPORT AND GUIDELINES

For researchers, content providers, service providers and everyone interested. Includes:

- workshops
- webinars
- online courses and resources (via fosteropenscience.eu)

### POLICY LEVEL

OpenMinTeD collaborates with FutureTDM, a project that addresses TDM barriers at the policy level.

## TACKLING BARRIERS TO INTEROPERABILITY

The OpenMinTeD platform will be interoperable, meaning that researchers will be able to apply different tools and services to different datasets and can even combine datasets from different sources. OpenMinTeD sets out to create a framework that ensures that all tools, services, resources and legal aspects work together. Our main goal: a sustainable infrastructure for text and data mining.

European Commission

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